

Abstract of the Disclosure

5 A prosthesis adapted for inter-luminal placement by endovascular deployment for the treatment of vascular dissection, the prosthesis has a self expanding stents (38) connected together to define an elongate lumen wall engaging surface. At least one of the stents has a bio-compatible graft material cover (36) to define a covered portion (25). The cover is adapted to close off a rupture (7) in the wall of the lumen (6) and the stents are adapted to provided pressure on the wall of the lumen adjacent to and extending away from the rupture.